

Converting Colors

Hex(D86A33)

Have a look what the booklet for
Hex(D86A33) contains.

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Color

Hex(D86A33)

Conversions

Conversions Part 1	
Format	Color
Hex	D86A33
RGB	216, 106, 51
RGB Percent	85%, 42%, 20%
CMY	0.1529, 0.5843, 0.8000
CMYK	0.00, 0.51, 0.76, 0.15
HSL	20°, 68%, 52%
HSV	20°, 76%, 85%
XYZ	34.0705, 25.1460, 6.1899
YIQ	132.6200, 83.2150, 6.2150

Conversions

Conversions Part 2

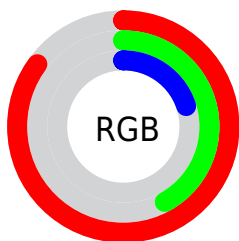
Format	Color
RYB	216, 134, 51
Decimal	14182963
CIELab	57.22, 39.59, 49.33
CIELCh	57, 63.255, 51.255
Yxy	25.1460, 0.5209, 0.3845
Android (android.graphics.Color)	4292373043 (0xFFD86A33)
YUV	132.6200, -40.2387, 73.1243
Hunter-Lab	50.1458, 33.5228, 27.7834

Details

The Hex color **D86A33** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **33A1D8**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9F65**, and **9B3700** is the 20% darker color. If you saturate the color by 10%, you get **D85C1D**, and if you desaturate by 10%, it is **D87849**.

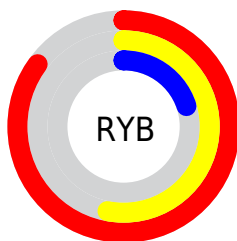
Distribution



Red (85%)

Green (42%)

Blue (20%)



Red (85%)

Yellow (53%)

Blue (20%)

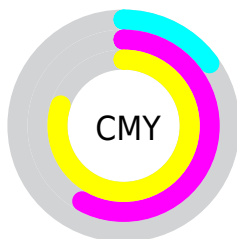


Cyan (0%)

Magenta (51%)

Yellow (76%)

Black (15%)



Cyan (15%)

Magenta (58%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86A33 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D86A33 by changing the saturation by 10% instead.

 D86A33

FFFFFF

 FF9F65

 FFBB7F

 FFD799

 FFF4B4

 FFFFD0

 FFFFD0

 D86A33

 B9501A

 9B3700

 7D1D00

 5F0000

 420000

 290001

 000000

 D86A33

 D85C1D

 D86A33

 D87849

 D84D08

 D8875E

 D84800

 D89574

 D8A489

 D8B29F

 D8C0B5

 D8CFCA

 D8DDE0

 D8ECF5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EB5565



D86A33



B28102

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D86A33



00A277



6882F1

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D86A33



33A1D8

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0095F7



D86A33



00A3B0

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D86A33



349D3F



009FDF



BC68CF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D86A33



918D00



009FDF



3089F6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D86A33



FFD8C4



D833A1



80685C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D86A33



FF6314



D8BD33



6B6460



AB3900



2B0E00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33A1D8



14B1FF



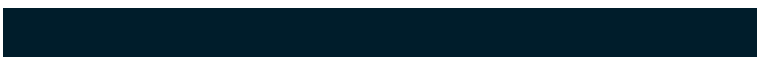
334FD8



60686B



0072AB



001D2B

Previews

White Background



This preview shows how the Hex color D86A33 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color D86A33 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D86A33 Background



This preview shows how black text looks on a background with the Hex color D86A33.



This preview shows how white text looks on a background with the Hex color D86A33.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
D86A33

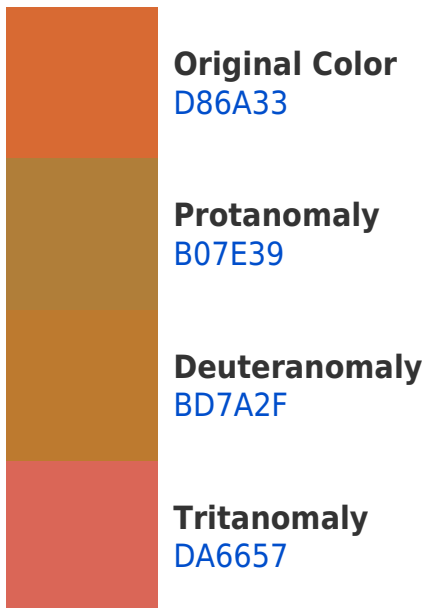
Protanopia
998A3C

Deuteranopia
AD832C

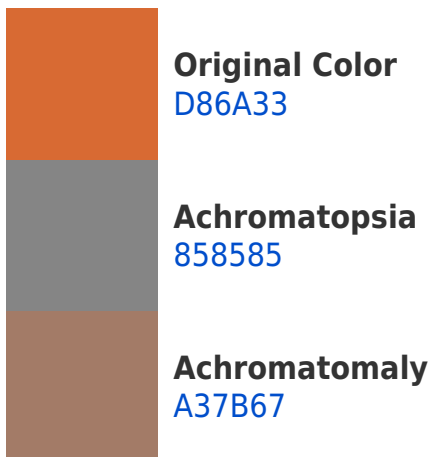


Tritanopia
DB646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D86A33 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D86A33 looks like.

```
.text, #text, p{  
    color:#D86A33  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D86A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86A33
}
```

Border

The CSS property to change the border of an element to Hex D86A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D86A33 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#D86A33 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D86A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86A33; -webkit-box-shadow:4px 4px  
4px 4px #D86A33; box-shadow:4px 4px 4px  
4px #D86A33 }
```

Background

The CSS property to change the background color of an element to Hex D86A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86A33 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D86A33 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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